Friedrich Knollmann, M.D., Ph.D.

Clinical Interests	Dr. Knollmann's clinical interests include: Cardiothoracic imaging, cardiovascular CT and MRI, chest imaging, and oncologic imaging.
Research/Academic Interests	Dr. Knollmann's research interests include: Cardiac imaging with CT and MRI, cardiovascular imaging, and assessment of tumor response to treatment with CT perfusion imaging in lung cancer.
Title	Professor of Clinical Radiology
Specialty	Radiology, Cardiothoracic Radiology
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Languages	German
Education	M.D., University of Heidelberg, Heidelberg, Germany 1993 Ph.D., Diagnostic Radiology, Humboldt University, Charite, Berlin, Germany 2001
Internships	Radiology, Universitaetsklinikum Rudolf Virchow, Berlin, Germany 1993-1995
Residency	Diagnostic Radiology, Charite, Berlin, Germany 1997-1999 Cardiothoracic Surgery, Deutschers Herzzentrum, Berlin, Germany 1996-1997
Board Certifications	American Board of Radiology, Diagnostic Radiology, 2011 Board Certified, Cardiovascular Computed Tomography, 2011
Professional Memberships	American College of Radiology American Heart Association American Roentgen Ray Society

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European Society of Radiology
North American Society for Cardiovascular Imaging
Radiological Society of North America
Society of Cardiovascular Computed Tomography
Society of Thoracic Radiology

Honors and Awards

Certificate of Reviewing Excellence presented by Elsevier and the Editors in Academic Radiology for excellence in peer review, 2013

Select Recent Publications

Popma JJ, Adams DH, Reardon MJ, Yakubov SJ, Kleiman NS, Heimansohn D, Hermiller J Jr, Hughes GC, Harrison JK, Coselli J, Diez J, Kafi A, Schreiber T, Gleason TG, Conte J, Buchbinder M, Deeb GM, Carabello B, Serruys PW, Chenoweth S, Oh JK; CoreValve United States Clinical Investigators. Transcatheter aortic valve replacement using a self-expanding bioprosthesis in patients with severe aortic stenosis at extreme risk for surgery. J Am Coll Cardiol. 2014 May 20;63 (19):1972-81.

Knollmann FD, Kumthekar R, Fetzer D, Socinski MA. Assessing response to treatment in non--small-cell lung cancer: role of tumor volume evaluated by computed tomography. Clin Lung Cancer. 2014 Mar;15(2):103-9.

Knollmann FD, Lacomis JM, Ocak I, Gleason T. The role of aortic wall CT attenuation measurements for the diagnosis of acute aortic syndromes. Eur J Radiol. 2013 Dec;82(12):2392-8.

Seethala S, Shah H, Knollmann F, Ramani R, N?mec J. Radiofrequency ablation of post-incisional atrial flutter and high-output heart failure in a patient with interrupted inferior vena cava and hereditary hemorrhagic telangiectasia. Hellenic J Cardiol. 2013 Nov-Dec;54(6):474-9.

Nichols L, Saunders R, Knollmann FD. Causes of death of patients with lung cancer. Arch Pathol Lab Med. 2012 Dec;136(12):1552-7.

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Ocak I, Lacomis JM, Deible CR, Türkbey B, Knollmann F. Prevalence of aortic root dilation in patients with CT angiography of the aorta. Diagn Interv Radiol. 2011 Sep;17(3):272-6.

Pu J, Zheng B, Leader JK, Fuhrman C, Knollmann F, Klym A, Gur D. Pulmonary lobe segmentation in CT examinations using implicit surface fitting. IEEE Trans Med Imaging. 2009 Dec;28(12): 1986-96.

Ocak I, Lacomis JM, Deible CR, Pealer K, Parag Y, Knollmann F. The aortic root: comparison of measurements from ECG-gated CT angiography with transthoracic echocardiography. J Thorac Imaging. 2009 Aug;24(3):223-6.

Pu J, Leader JK, Zheng B, Knollmann F, Fuhrman C, Sciurba FC, Gur D. A Computational geometry approach to automated pulmonary fissure segmentation in CT examinations. IEEE Trans Med Imaging. 2009 May;28(5):710-9.

Knollmann FD, Wieltsch A, Peters S, Mahlke A, Niederberger S, Kertesz T. Flat panel volume computed tomography of the coronary arteries. Acad Radiol. 2009 Oct;16(10):1251-62.

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